|  |  |                 |              |                  | DEPARTMENT                                 | ATE OF UTAH<br>OF NATURAL RESO<br>F OIL, GAS AND M |                      |  | AMENI         | FOI<br>DED REPO | RM 3            |        |
|--|--|-----------------|--------------|------------------|--|--|----------------------|--|---------------|-----------------|-----------------|--------|
|  |  | AP              | PLICATIO     | N FOR P          | ERMIT TO DRILL                             |  |                      | 1. WELL NAME and NUMBER Coyote Basin Federal 14-13                           |               |                 |                 |        |
| 2. TYPE  | OF WORK  | DRILL NEW WELL  | n peer       | NTER P&A         | WELL CO. DEEDEL                            | N WELL   |                      | 3. FIELD OR WILDO  | CAT<br>COYOTE | BASIN           |                 |        |
| 4. TYPE  | OF WELL  |                 |              |                  |  | WELL   |                      | 5. UNIT or COMMU   | NITIZAT       | ION AGRI        |                 | NAME   |
| 6. NAME  | Oil Well Coalbed Methane Well: NO  6. NAME OF OPERATOR |                 |              |                  |  |  |                      | 7. OPERATOR PHO  |               | SIN (GRRV       | )               |        |
| 8 ADDR   | ESS OF OPER  | ATOR            | ADVANT       | AGE RESC         | DURCES INC                                 |  |                      | 9. OPERATOR E-MA   | 303 831       | l-1912          |                 |        |
|  |  | 17              | 75 Sherman   |                  | Denver, CO, 80203                          | DCUTD  |                      | bwa@a  | dvantage      | -resources      | .com            |        |
|  | ERAL LEASE N<br>AL, INDIAN, O                          |                 |              |                  | I1. MINERAL OWNE<br>FEDERAL (🗓 IND)        | - C  | ) FEE (              | FEDERAL INI  | DIAN          | STATE           |                 | FEE 💮  |
| 13. NAM  | E OF SURFAC  | E OWNER (if box | 12 = 'fee')  |                  |  |  |                      | 14. SURFACE OWN  | ER PHON       | E (if box       | <b>12</b> = 'fe | e')    |
| 15. ADD  | RESS OF SUR  | FACE OWNER (if  | box 12 = 'fe | ee')             |  |  |                      | 16. SURFACE OWN  | ER E-MA       | IL (if box      | 12 = 'fe        | ee')   |
| 17 IND   | IAN ALLOTTE  | OR TRIBE NAM    |              |                  | L8. INTEND TO COM                          |  | ON FROM              | 19. SLANT  |               |                 |                 |        |
|  | 2 = 'INDIAN'   |                 | -            |                  | YES (Submit Co                             | ONS ommingling Applicatio                          | on) NO 📵             | VERTICAL DIF   | RECTIONA      | L D             | HORIZON         | TAL 🔵  |
| 20. LOC  | CATION OF W  | ELL             |              | FOO <sup>-</sup> | TAGES                                      | QTR-QTR  | SECTION              | TOWNSHIP   | RA            | NGE             | MEI             | RIDIAN |
| LOCATI   | ON AT SURFA  | CE              |              | 2170 FSL         | 1905 FWL                                   | NESW   | 13                   | 8.0 S  | 24            | .0 E            |                 | S      |
| Top of   | Uppermost Pr   | oducing Zone    |              | 2170 FSL         | 1905 FWL                                   | NESW   | 13 8.0 S 24          |  |               | .0 E            |                 | S      |
| At Tota  | l Depth  |                 |              | 2170 FSL         | 1905 FWL                                   | NESW   | 13                   | 8.0 S  | 24            | .0 E            |                 | S      |
| 21. COU  | NTY  | UINTAH          |              | 2                | 22. DISTANCE TO NE                         | EAREST LEASE LINE                                  | (Feet)               | 23. NUMBER OF ACRES IN DRILLING UNIT   |               |                 |                 |        |
|  |  |                 |              |                  | 25. DISTANCE TO NE<br>Applied For Drilling |  | ME POOL              | <b>26. PROPOSED DEPTH</b> MD: 4460 TVD: 4460                                 |               |                 |                 |        |
| 27. ELEV   | ATION - GRO  | UND LEVEL       |              | 2                | 28. BOND NUMBER                            |  |                      | 29. SOURCE OF DRILLING WATER /<br>WATER RIGHTS APPROVAL NUMBER IF APPLICABLE |               |                 |                 |        |
|  |  | 5350            |              |                  |  | UTB 000424   |                      |  | 49-2          |                 |                 |        |
| String   | Hole Size  | Casing Size     | Length       | Weigh            |  | and Cement Info<br>ad Max Mud W                    | _                    | Cement Sacks Yield Weight  |               |                 |                 |        |
| Surf   | 12.25  | 8.625           | 0 - 500      | 24.0             |  |  |                      | Class G  |               | 210             | 2.13            | 12.5   |
| Prod   | 7.875  | 5.5             | 0 - 4460     | 15.5             | J-55 LT&C                                  | 9.4  | Hallibur             | ton Light , Type Unl   | known         | 340             | 1.94            | 12.5   |
|  |  |                 |              |                  |  |  |                      | Class B  |               | 230             | 1.25            | 14.3   |
|  |  |                 |              |                  | АТ   | TACHMENTS  |                      |  |               |                 |                 |        |
|  | VERIFY   | THE FOLLOWI     | NG ARE AT    | TACHE            | D IN ACCORDANG                             | CE WITH THE UT                                     | AH OIL AND           | GAS CONSERVATI   | ON GEN        | NERAL R         | ULES            |        |
| <b>✓</b> w   | /ELL PLAT OR   | MAP PREPARED    | BY LICENS    | ED SURVI         | EYOR OR ENGINEER                           | сомр   | PLETE DRILLING       | G PLAN   |               |                 |                 |        |
| AI   | FIDAVIT OF   | STATUS OF SURF  | ACE OWNE     | R AGREEN         | MENT (IF FEE SURF                          | ACE) FORM  | 5. IF OPERATO        | R IS OTHER THAN T  | HE LEASI      | E OWNER         |                 |        |
| DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) |  |                 |              |                  | <b>№</b> торос                             | TOPOGRAPHICAL MAP                                  |                      |  |               |                 |                 |        |
| NAME [   | David Platt  |                 |              |                  | TITLE Permit Agen                          | t  | PHONE 3              | 03 573-4436  |               |                 |                 |        |
| SIGNATURE DATE 10/19/2011  |  |                 |              |                  |  | EMAIL da   | vid@windmillenergy.n | et   |               |                 |                 |        |
|  | mber assign<br>04752115                                |                 |              |                  | APPROVAL                                   |  | Bacquill             |  |               |                 |                 |        |
|  |  |                 |              |                  |  |  | I                    | Permit Manager   |               |                 |                 |        |

# Advantage Resources, Inc. ("ARI")

Coyote Basin #14-13 NESE Sec. 13 T8S-R24E Uintah County, UT

## **Drilling Program**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

ARI is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and the Standard Operating Procedures will be furnished to the field representative(s) to ensure compliance and will be on location during all construction and drilling operations.

## **BLM Notification Requirements:**

Location Construction: 48 hours prior to construction of location and access

roads.

Location Completion: Prior to moving the drilling rig to the location.

Spud notice: At least 24 hours prior to spudding the well.

Casing String & Cementing. 24 hours prior to running casing and cementing each

casing string.

BOP & Related Equipment Tests: At least 24 hours prior to initiating pressure tests.

First Production Notice: Within 5 days after production from a new well begins

or production resumes after an existing well has been off

production for more than 90 days.

In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the BLM, but such approval does not waive the written report requirement.

#### 1. Estimated Tops of Geological Markers:

| Formation              | Depth   |
|------------------------|---------|
| Uintah                 | Surface |
| Green River            | 1178'   |
| Top Douglas Creek      | 3654'   |
| Top Ostracod Limestone | 4052'   |
| CBU Oil Sand           | 4197'   |
| Wasatch                | 4260'   |
| Total Depth            | 4460°   |
|                        |         |

## 2. Estimated Depths of Anticipated Water, Oil, Gas, or Other Minerals:

| Formation          | Depth   |
|--------------------|---|
| Green River        | 1178'   |
| Douglas Creek      | 3654'   |
| Ostracod Limestone | 4052'   |
| CBU Oil Sand       | 4197'   |
| Wasatch            | 4260'   |
|                    | Green River Douglas Creek Ostracod Limestone CBU Oil Sand |

All usable water, having less than 10,000 ppm total dissolved solids, and any prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine their commercial potential. This information will be reported to the BLM.

All water shows and water bearing zones will be reported to the geologic/engineering staff of the BLM prior to running the next string of casing or before plugging orders are requested. Filing of the State of Utah form 7 Report of Water Encountered is optional.

All water shows will be reported within one (1) business day after being encountered.

Detected water flows will be sampled, analyzed, and reported to the geologic/engineering staff of the BLM. Additional water samples for further analysis will be provided upon request.

The following information will be provided for water shows and samples where applicable:

| Location         | Date Sampled |
|------------------|--------------|
| Sampled Interval | Temperature  |
| Hardness         | pН           |
| Flow Rate        |              |

State of Utah Water Classification

Dissolved Iron (Fe) (ug/l)
Dissolved Magnesium (Mg) (mg/l)
Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l)
Dissolved Sulfate (SO<sub>4</sub>) (mg/l)
Dissolved Total Solids (TDS) (mg/l)

Dissolved Calcium (Ca) (mg/l) Dissolved Sodium (Na) (mg/l) Dissolved Carbonate (CO<sub>3</sub>) (mg/l) Dissolved Chloride (Cl) (mg/l)

## 3. Pressure Control Equipment: (Schematic Attached)

ARI's minimum specifications for pressure control equipment are as follows

The BOP and related equipment will meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3,000 psi system. Chart recorders will be used for all pressure tests.

Test charts, with individual test results identified, will be maintained on location while drilling and shall be made available to a BLM representative upon request.

All required BOP tests and/or drills will be recorded in the IADC report.

The anticipated bottom hole pressure will be approximately 2,000 psi.

### 4. Proposed Casing and Cementing Program:

The proposed Casing Program will be as follows:

| Purpose Depth    | Hole Size | <u>Casing</u><br><u>Size</u> | <u>Type</u> | Conn | Weight (lb/ft) |
|------------------|-----------|------------------------------|-------------|------|----------------|
| Surface 500'+/-  | 12-1/4"   | 8-5/8"                       | J-55        | ST&C | 24.0           |
| Production 4460' | 7-7/8"    | 5-1/2"                       | J-55        | LT&C | 15.5           |

The proposed casing and cementing program will be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement will receive approval prior to use. The casing setting depth will be calculated to position the casing seat opposite a competent formation, which will contain the maximum pressure to which it will be exposed during drilling operations. Determination of casing setting depth will be based on all relevant factors, including: presence/absence of hydrocarbons, fracture gradients, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics.

All casing, except conductor casing, will be new.

The surface casing will be cemented back to the surface either during the primary cement job or by remedial cementing.

All waiting on cement times will be adequate to achieve a minimum of five hundred (500) psi compressive strength at the casing shoe prior to drilling out.

At a minimum, usable water zones below the surface casing will be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If Gilsonite is encountered while drilling, it will be isolated and/or protected via the cementing program.

Surface casing will have centralizers on the bottom three joints, with a minimum of one (1) centralizer per joint.

Production casing will have one centralizer 10'-15' above the guide shoe, one centralizer directly below the float collar, and one centralizer on every other joint up to 100' above any potential pay zone.

Top plugs will be used to reduce contamination of cement by the displacement fluid. A bottom plug or other acceptable technique, such as a pre-flush fluid, will be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor will be pressure tested to 0.22 psi per foot of casing string length or to 1,500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action will be taken.

The cementing program will be as follows:

|   | Surface        | Cement Fill | Type and Amounts  |
|---|----------------|-------------|---|
|   | 0'-500'        | 500'        | Slurry: 210+/- sks SwiftCem with 2.0% Calcium Chloride. Wt: 12.5 lbs/gal. Yield: 2.13 ft <sup>3</sup> /sk. Mix Water Ratio: 12.2 gal/sk. Calculated at 500' of fill with 100% excess.   |
|   | Production     |             | If cement is not circulated to surface or does not remain at surface, a "top out" job will be performed with Class "G" Cement containing 2.0% CaCl <sub>2</sub> and 0.25 lbs/sack Flocele. Wt: 15.8 lbs/gal. Yield: 1.17 ft <sup>3</sup> /sk. Mix Water Ratio: 5.0 gals/sk.  Type and Amounts |
| ( | 0'- 2,860'     | +/-3,250°   | <b>Lead Slurry:</b> 340+/- sks Halliburton Econocem Cement with additives. Wt: 12.5 lbs/gal. Yield: 1.94 ft <sup>3</sup> /sk. Mix Water Ratio: 10.53 gals/sk. Calculated at 3,000' of fill (3,000' of fill in open hole)  |
| 8 | 2,860'- 4,460' | - +/-1,400° | Tail Slurry: 230+/- sks Haliburton Econcem with additives. Wt: 14.3 lbs/gal. Yield: 1.25  |

ft<sup>3</sup>/sk. Mix Water Ratio: 5.41 gals/sk. Calculated fill plus 20% excess.

Top of production casing cement will be calculated to surface pipe based on open hole caliper log volumes at 20% excess in the open hole sections.

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The BLM will be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

After cementing the surface casing and prior to commencing any test, ARI will wait long enough for the cement to have at least a compressive strength of 500 psi at the shoe. WOC time will be recorded in the Driller's log.

The spud date will be shown on the first report that is submitted.

A Sundry Notice, Form 3160-5 will be filed with the BLM within 30 days after the work is completed. It will contain the following information:

The setting of each string showing the size, grade, weight of casing set, setting depth, amounts and types of cement used, whether the cement was circulated to surface or the top of cement behind casing, the depth of cementing tools used, casing testing methods and results, and the date the work was done.

The following auxiliary well equipment will be used:

A 2" choke manifold and pit level indicator.

An upper Kelly Cock will be kept in the drilling string at all times.

A float will be used in the bit at all times.

A stabbing valve will be available on the rig floor and will fit all rotary connections.

### 5. Drilling Fluids Program:

| Interval | Weight    | Viscosity | Fluid Loss | Description        |
|----------|-----------|-----------|------------|--------------------|
| 0'-500'  | 8.3 - 8.4 | 27 - 35   | N/A        | Water & Native Mud |
| 500-T.D. | 8.6 - 9.4 | 35 - 40   | 10 - 12 cc | Water/LSND         |

There will be sufficient mud inventory on location during drilling operations to control any adverse conditions which may arise.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system without prior BLM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in any amount to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of in the annulus in association with the drilling, testing, or completing of any wells in the Naval Oil Shale Reserve #2 area. Furthermore, no hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of any wells in the Naval Oil Shale Reserve #2 area.

#### 6. Evaluation Program:

Daily drilling and completion progress reports will be submitted to the BLM on a weekly basis.

## Logging Program:

Compensated Density/Neutron Log; Dual Induction log. These two open hole logs will be run from Total Depth to the base of the surface casing. A Micro log, Sonic log, FMI log, or MRI log may be run on occasion.

A cement bond log (CBL) will be run from plug back total depth within the casing to the top of cement and it will be utilized to determine the bond quality for the production casing. A final copy of the CBL will be submitted to the BLM.

#### Deviation Surveys:

Surveys will be run at least every five-hundred (500) feet. Surveys will also be taken on every trip.

#### Mud Logger:

A manned/un-manned mud-logging unit will be on location from 200' above the first anticipated pay zone to Total Depth.

#### Sampling:

Dry samples will be taken every thirty (30) feet from the depths that are mudlogged. All samples with any type of shows will be saved for one (1) year.

#### Drill Stem Tests:

None Anticipated.

#### Cores:

None Anticipated.

#### Completion:

The "Well Completion and Re-Completion Report and Log" (Form 3160-4) will be submitted no later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164, whether the well is completed as a dry hole or a producer. One copy of all logs, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4.

Samples (cuttings, fluids, and/or gases) will be submitted when requested by the BLM.

#### 7. Abnormal Conditions:

No abnormal conditions are anticipated in the Upper Mesa Verde/Wasatch zones.

#### 8. Anticipated Starting Dates and Notification of Operations:

Drilling Activity:

Construction is expected to begin October 1, 2011 with drilling activity to begin before November 1, 2011.

When possible, the surface hole will be drilled and surface casing set and cemented with a rathole rig. The drilling rig will move in after surface casing has been set and will drill the hole to Total Depth. Approximately ten (10) working days will be required to drill the hole including the surface hole operations.

Longstring cement will set for a minimum of 72 hours. Well completion operations should take approximately seven (7) working days.

#### Notification of Operations:

The BLM will be notified at least 24 hours prior to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m. – 4:30 p.m., Monday – Friday except holidays).

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from the well to be placed in suspended status without prior approval from the BLM. If operations are to be suspended, prior approval of the BLM will be obtained and notification given before resumption of operations.

A completion rig will be used for completion operations.

<u>Immediate Report:</u> Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

ARI will report production data to the BLM and the State of Utah Oil, Gas and Mining Division. Production reporting will start with the month in which operations commence and continue each month until the well is physically plugged and abandoned.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the BLM will be notified when the well is placed in a producing status. Such notification will be sent by written communication no later than 5 days following the date when the well is placed on production.

Produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the BLM.

Pursuant to NTL-4A, ARI is authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the BLM and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram will be submitted to the BLM within 60 days of installation or first production, whichever occurs first. All site security regulations will be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Well abandonment operations will not be commenced without the prior approval of the BLM. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the BLM. A "Subsequent Report of Abandonment will be filed with the BLM within 30 days following completion of the well for abandonment. The report will indicate placement of the plugs and current status of the surface restoration. Final abandonment will not be approved until the surface reclamation work required by the APD or approved abandonment notice has been completed to the satisfaction of the BLM.

ARI will ensure that its exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws, to the extent to which they are applicable on Indian lands.

#### 9. Other Information:

All loading lines will be placed inside the berm surrounding the tank battery for new locations, and as existing locations are maintained.

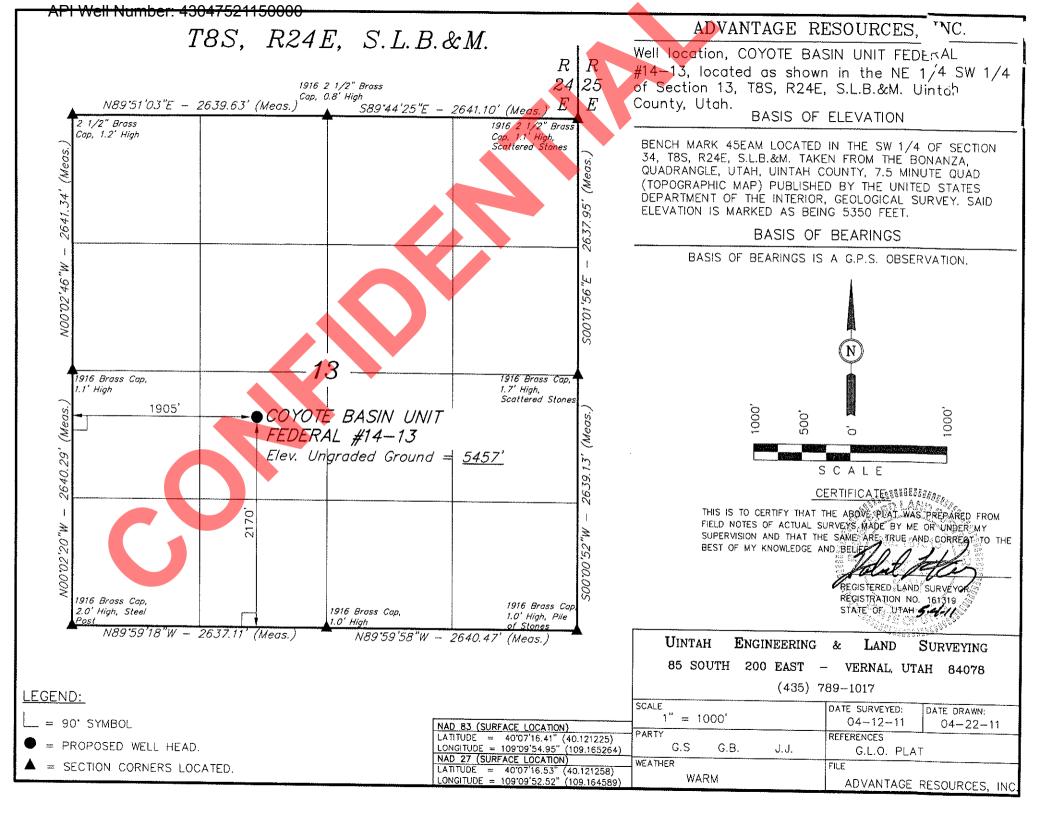
All off-lease storage, off-lease measurement, or co-mingling on-lease or off-lease will have prior written approval from the BLM.

The gas meter will be calibrated and any production tank will be strapped in place prior to any deliveries of gas or oil. Tests for meter accuracy will be conducted following the initial installation or following any repair and at least quarterly thereafter. The BLM will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM. All measurement facilities will conform to API and AGA standards, Onshore Oil & Gas Order No. 4, and Onshore Oil & Gas Order No. 5 for natural gas and liquid hydrocarbon measurements.

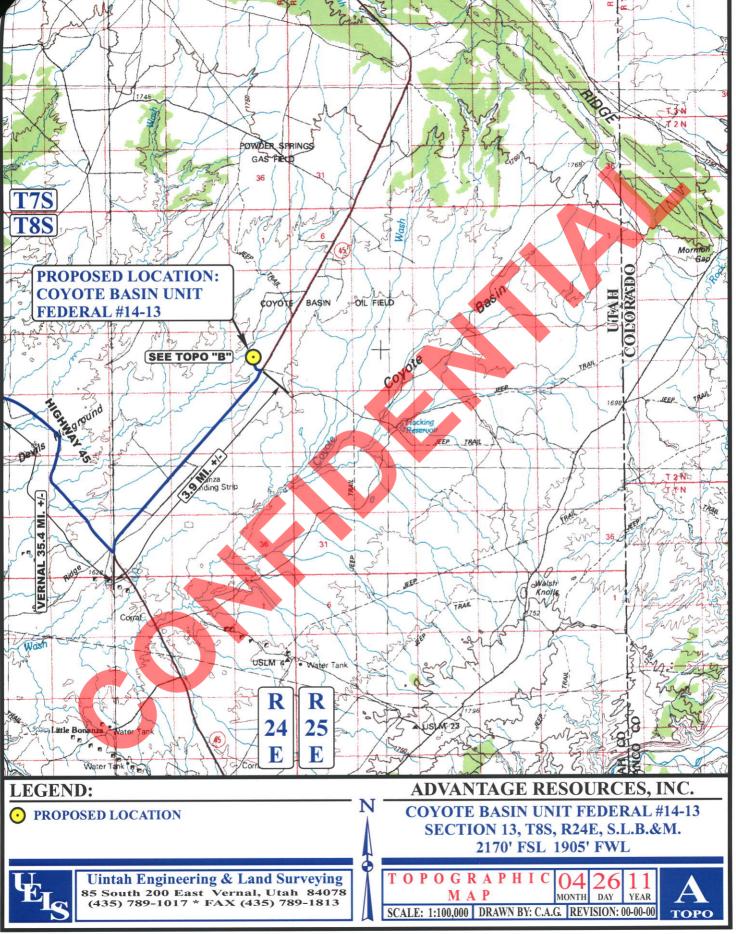
Deviations from the proposed drilling and/or workover program will be approved by the BLM. Safe drilling and operating practices will be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.

Form 3160-5 "Sundry Notice and Report in Wells" will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

In accordance with Section 102 (b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of Title 43 CFR 3162.4-1(c), "not later than the 5<sup>th</sup> business day after any well begins production on which royalty is due anywhere on the lease site or allocated to a lease site, resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the BLM by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."



Il Number: 43047521150000 OWDER SPRINGS GAS FIELD T8S Mormon PROPOSED LOCATION: **COYOTE BASIN UNIT** COYOTE BASIN OIL FIELD **FEDERAL #14-13** SEE TOPO "B" HIGH GOUND S nza nding Strip JEEP. Walsh TRAIL Corral Wash USLM 4 Water Tank R 25 24 **LEGEND:** ADVANTAGE RESOURCES, INC. **COYOTE BASIN UNIT FEDERAL #14-13** • PROPOSED LOCATION **SECTION 13, T8S, R24E, S.L.B.&M.** 2170' FSL 1905' FWL TOPOGRA **Uintah Engineering & Land Surveying** 



Ell Number: 43047521150000 Oil Well 5553 Oi Well 5534 BIN, Coyote 18 COYOTE PROPOSED ACCESS FOR THE #6-13 COYOTE #6-13 929' + 18 EXISTING POWER LINE PROPOSED ROAD RE-ROUTE 619' + PROPOSED LOCATION: **COYOTE BASIN UNIT FEDERAL #14-13 EXISTING 4" PIPELINE** 23 5298 25 24 ADVANTAGE RESOURCES, INC. LEGEND: N COYOTE BASIN UNIT FEDERAL #14-13 EXISTING ROAD PROPOSED ACCESS ROAD EXISTING POWER LINE **SECTION 13, T8S, R24E, S.L.B.&M. EXISTING 4" PIPELINE** 2170' FSL 1905' FWL 18 CMP REQUIRED Uintah Engineering & Land Surveying OGRA 85 South 200 East Vernal, Utah 84078 (435) 789-1017 \* FAX (435) 789-1813 MONTH DAY SCALE: 1" = 2000' DRAWN BY: C.A.G. REVISION: 00-00-00 TOPO

Advantage Resources, Inc. 1775 Sheman St., #1700 Denver CO 80203

Octobr 14, 2010

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84116

Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, UT 84078

> Coyote Basin Federal Unit UTU-72085A T8S-R24E and T8S-R25E Uintah County, UT

To Whom it May Concern:

This letter is to inform you that David J. Platt of Windmill Energy Services, LLC, is authorized to act as Agent and to sign documents on behalf of Advantage Resources, Inc. when necessary for filing county, state and federal permits for wells in the above mentioned federal unit. Windmill Energy Services address is 216 16<sup>th</sup> Street, Suite 1200, Denver, CO 80202.

It should be understood that Windmill Energy Services, LLC is acting as Agent only in those matters stated above and is not responsible for drilling, completion, or compliance with regulations.

Advantage Resources, Inc. agrees to accept full responsibility for operations conducted in order to drill, complete and produce wells in the Coyote Basin Federal Unit.

Sincerely.

Brian W. Ackman VP Exploration

#### SURFACE USE PLAN

Advantage Resources, Inc.

Coyote Basin Federal #14-13
NESW Sec. 13 T8S-R24E
Uintah County, UT

## Existing Roads

- a. Proceed in an easterly, then southerly direction from Vernal, Utah along U.S. Highway 40 approximately 3.9 miles to the junction of this road and State Highway 45 to the south. Exit right and proceed in a southerly, then southeasterly direction approximately 31.5 miles to the junction of this road and an existing road to the northeast; turn left and proceed in a northeasterly direction approximately 3.9 miles to the beginning of the proposed access for the Coyote #6-13 to the northwest; follow road flags in a northwesterly direction approximately 929' to the beginning of the proposed access to the southwest; follow road flags in a southwesterly direction approximately 68' to the proposed location. Total distance from Vernal, Utah to the proposed well location is approximately 39.5 miles.
- b. The proposed well sites are located approximately 8 miles north of Bonanza, Utah and within ½ mile of the State Highway 45 See attached Topographic Map.
- c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- e. The use of roads under State Road Department maintenance is necessary to access the project area with no improvements proposed. An encroachment will be required at the departure from the State Highway. The access road will also cross over an existing gas pipeline and under an existing power line. The facility owners will be notified in advance of the construction to mitigate the impact to their facilities.

f. All existing roads would be maintained and kept in good repair during all phases of operation.

## 2. Planned Access Roads

- a. Approximately 68' of new access is proposed to access the Coyote Basin Federal #14-13. Approximately 929' feet of access proposed to the Coyote #6-13 will be utilized and 619' of exiting road will be re-routed as shown on the enclosed Project Map and Topo Map "C" included with the survey plat and access drawings.
- b. The road would be constructed to a 30-foot ROW width with a 14-foot travel surface.
- c. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- d. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- e. A maximum grade of 10% will be maintained throughout the project.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private or State of Utah lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Turnouts are not proposed because the access road is short and adequate site distance exists in all directions

- i. No culverts or low-water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- 1. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition Revised 2007.
- m. The operator would be responsible for all maintenance needs of the new access road.
- 3. Location of existing wells within a one mile radius of proposed well location

See Topographic Map "C" included with the proposed well survey plat for the location of existing wells within a one-mile radius.

### 4. Location of Existing and for Proposed Facilities

- a. To comply with visual resource management, the production facilities will be painted a non-gloss color to blend into the surrounding background color of the landscape. All permanent above-ground facilities that remain longer than six months will be painted Covert Green to match environmental standards, the exception being OSHA rules are to be complied with where special safety colors are required.
- b. The placement of the facilities will be considered to allow for more natural contouring for production reclamation.
- c. Production facilities are suitably placed to allow more efficient reduction in noise. To help prevent disturbance to wildlife, livestock and private surface owners, suitable mufflers are installed to reduce sound levels. Operator complies with all federal laws pertaining to noise control.
- d. A tank battery will be constructed at the location surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank.
- e. Any necessary pits will be properly fenced to prevent any wildlife or livestock entry.

- f. All access roads will be maintained as necessary to prevent erosion and accommodate year round traffic. The road will be maintained in a safe and usable condition.
- g. A pipeline corridor has been considered for the location. If needed, the pipeline corridor will follow the proposed access routes to minimize surface disturbance.

## 5. Location and Type of Water Supply

- a. The water supply for construction, drilling and operations will be from the city of Vernal.
- b. Less than 5 acre-feet of water is anticipated per well for dust suppression, drilling and completion of the project.
- c. Water will be transported by truck off-loaded into frac tanks.
- d. No water well will be drilled for this well.
- f. Drilling water for this will be hauled on the road(s) shown on the map.
- g. Should additional water sources be pursued they will be properly permitted through the State of Utah Division of Water Rights and a federal sundry notice submitted amending this document.

### 6. Source of Construction Materials

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM lands.
- c. If any gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

## 7. Method of Handling Waste Materials

- a. All waste associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located inboard of the location.

- d. The reserved pit will be constructed so as not to leak, break or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc, that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to a permitted disposal site.
- i. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- j. Sewage will be contained in approved collectors and disposed of at an off-site approved facility.
- k. Immediately after the drilling operations are complete and the rig is gone, all debris and other waste materials will be cleaned up and taken off the location.

## 8. Ancillary Facilities

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.
- b. No camps, airstrips or staging areas are proposed with this application.

#### 9. Well Site Layout

- a. The well will be properly identified in accordance with 43 CRD 3162.6.
- b. The attached Location Layout diagram for the proposed well location is included the survey plat and access drawings illustrating access routes, drill pad cross-sections, cuts and fills, reserve pit, spoil dirt stockpile(s) and top soil stockpile(s).
- c. The well pad and road designs are consistent with industry specifications.
- d. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- e. All cut and fill slopes will be such that stability can be maintained for the life of the activity. The road design incorporates measures to minimize side-casting along the fill slopes to further minimize visual resource concerns.
- f. Diversion ditches around the well site will only be constructed if necessary to prevent surface waters from entering the well site areas.
- g. The site surface will be graded to drain away from the pit to avoid spillage during large storm events.
- h. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a discontinuous window on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss, sterilization and contamination.
- i. Pits will remain fenced until site cleanup.
- The blooie line will be located at least 100 feet from the well head.
- k. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

## 10. Plans for Restoration of the Surface

a. A site specific reclamation plan has been prepared and is provided as an attachment to this surface use plan for each proposed location. The reclamation plan was prepared consistent with Onshore Order No.1 Section J, the Green River District Reclamation Guidelines and the Surface Reclamation Plan Checklist.

- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43CRD 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within one year of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
- d. All equipment and debris will be removed from the area proposed for interim reclamation and the pit are will be backfilled and re-contoured. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12.5 lbs/acre with the native grass seeds set forth in the site specific reclamation plan.
- e. Reclaimed areas receiving incidental disturbance during the life of the producing will be re-contoured and reseeded as soon as practical.
- f. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious week may be obtained from the BLM or the appropriate County Extension Office. An Integrated Pest Management Plan has been included specific to the proposed development.
- g. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.
- h. A final abandonment notice will be submitted to BLM when the reclamation activities (as presented in this document) are completed and new vegetation is established. Should there be any deviation from these planned reclamation activities, the surface owner will be notified and a Sundry Notice will be submitted to BLM for approval of the new closure and reclamation activities.

### 11. Surface and Mineral Ownership

Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, UT 84078 Phone: (435) 781-4400.

## 12. Other Information

a. Company Representative

Brian Ackman Advantage Resources, Inc. 1775 Sherman Street, #1700 Denver, CO 80203-4319 303-831-1912

b. Permit Representative

David Platt Windmill Energy Services 216 16<sup>th</sup> St. Suite 1200 Denver, CO 80202 303-573-4436

- c. Montgomery Archeological Consultants has conducted a Class III archeological survey of the project area. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 11-029 dated July 11, 2011.
- d. A Paleontological Reconnaissance Survey was conducted by Intermountain Paleo-Consulting and the Survey Report has been submitted under separate cover to the appropriate agencies as IPC #11-107.
- e. The BLM has conducted a biological review and participated in preliminary project planning. Due to the extensive area of prairie dog towns it is not economically feasible to completely avoid and effectively develop the lease. Surface planning has been conducted to minimize disturbance impacts to prairie dog colonies. Operator will adhere to timing limitations and conditions of approval provided in the permit.
- A complete copy of the approved (APD) including conditions of approval shall be on the well site during construction and drilling operations. A copy shall also be furnished to the dirt contractor.
- g. A Notice of Intent to Abandon and a Subsequent Report of Abandonment will be submitted for abandonment approval if well is a dry hole.

## 13. Operator's Representative and Certification

Name:

Brian Ackman

Address:

1775 Sherman St.

Suite 1700

Denver, Colorado 80203

Phone No.

303-831-1912

Cellular No.

303-832-6048

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and Onshore Oil and Gas Orders. Advantage Resources, Inc. is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### Certification:

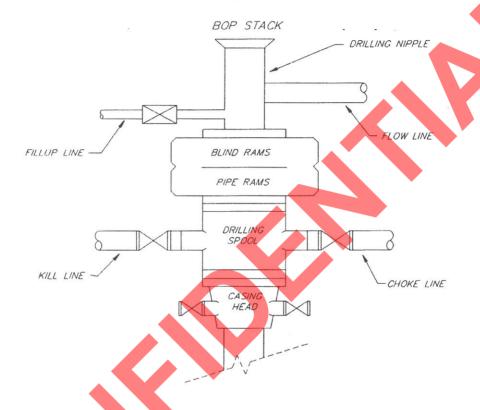
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with operations proposed herein will be performed by Advantage Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it was approved.

Date

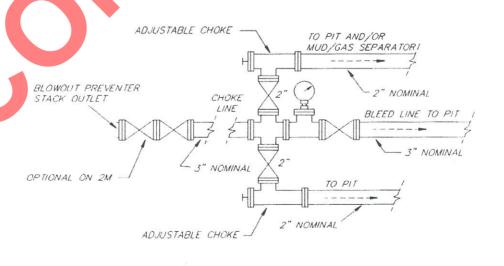
Brian W. Ackman

Advantage Resources, Inc.

TYPICAL 3,000 p.s.i.
BLOWOUT PREVENTER SCHEMATIC



## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC



## **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

October 21, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Coyote Basin (Green

River), Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Coyote Basin (Green River) Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ Green River)

43-047-52111 Coyote Basin 7-7 Sec 07 T08S R25E 2051 FNL 2222 FEL 43-047-52112 Coyote Basin 11-7 Sec 07 T08S R25E 2312 FSL 2125 FWL 43-047-52113 Coyote Basin 2-13 Sec 13 T08S R24E 0793 FNL 1869 FEL 43-047-52114 Coyote Basin 6-13 Sec 13 T08S R24E 2166 FNL 2001 FWL 43-047-52115 Coyote Basin 14-13 Sec 13 T08S R24E 2170 FSL 1905 FWL

Please be advised that this unit agreement only unitizes the following as defined in Section 4 of the Coyote Basin (Green River) Unit Agreement.

The "Unitized Formation" shall mean the Green River formation as identified by the Induction Electrical log run in the Roseland Federal #21-7 well located in the NE/4NW/4 of Section 7, Township 8 South, Range 25 East, Uintah County, Utah, with the top of the Unitized Formation being found at a measured depth of 4,316 feet a vertical depth of 4,316 feet below the Kelly Bushing (+1247 feet subsea) and the base of the Unitized Formation being found at a measured depth of 4,470 feet a vertical depth of 4,470 feet below the Kelly Bushing (+1093 feet subsea) or to the stratigraphic equivalent thereof.

RECEIVED: October 21, 2011

Downhole or surface commingling of production from other horizons is not authorized.



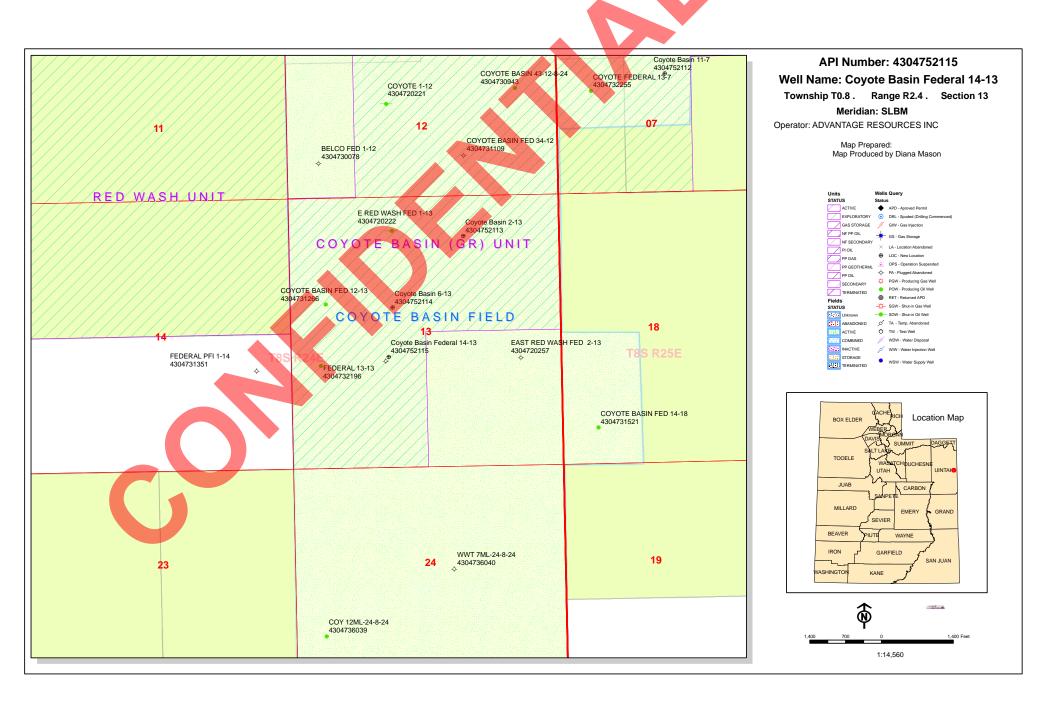
Michael L. Coulthard

Digitally signed by Michael L. Coulthard

DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael\_Coulthard@blm.gov, c=US
Date: 2011.10.21 10:40:09 -06'00'

bcc: File - Coyote Basin Unit Division of Oil Gas and Mining Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:10-21-11



## **WORKSHEET** APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 10/19/2011 **API NO. ASSIGNED:** 43047521150000

**WELL NAME:** Coyote Basin Federal 14-13

**OPERATOR:** ADVANTAGE RESOURCES INC (N3580) **PHONE NUMBER:** 303 573-4436

**CONTACT:** David Platt

PROPOSED LOCATION: NESW 13 080S 240E **Permit Tech Review:** 

> SURFACE: 2170 FSL 1905 FWL **Engineering Review:**

**BOTTOM:** 2170 FSL 1905 FWL **Geology Review:** 

**COUNTY: UINTAH** 

UTM SURF EASTINGS: 656342.00

FIELD NAME: COYOTE BASIN

LEASE TYPE: 1 - Federal

**LATITUDE: 40.12117** 

**LEASE NUMBER: UTU-67208** PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 1 - Federal **COALBED METHANE: NO** 

#### **RECEIVED AND/OR REVIEWED:**

PLAT

Bond: FEDERAL - UTB 000424

**Potash** 

Oil Shale 190-5

**Oil Shale 190-3** 

Oil Shale 190-13

Water Permit: 49-2351

RDCC Review:

**Fee Surface Agreement** 

Intent to Commingle

**Commingling Approved** 

LOCATION AND SITING:

R649-2-3.

Unit: COYOTE BASIN (GRRV)

R649-3-2. General

R649-3-3. Exception

**Drilling Unit** 

Board Cause No: R649-3-2

**Effective Date:** 

Siting:

R649-3-11. Directional Drill

**Comments:** Presite Completed

4 - Federal Approval - dmason 23 - Spacing - dmason Stipulations:

LONGITUDE: -109.16524 NORTHINGS: 4442820.00 API Well No: 43047521150000



## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

## **Permit To Drill**

\*\*\*\*\*\*

Well Name: Coyote Basin Federal 14-13

API Well Number: 43047521150000 Lease Number: UTU-67208 Surface Owner: FEDERAL Approval Date: 10/31/2011

#### **Issued to:**

ADVANTAGE RESOURCES INC, 1775 Sherman St 1700, Denver, CO 80203

#### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

API Well No: 43047521150000

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

## **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

For John Rogers Associate Director, Oil & Gas



## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

October 31, 2011 Amended November 15, 2011

Advantage Resources Inc. 1775 Sherman St 1700 Denver, CO 80203

Subject: Coyote Basin Federal 14-13 Well, 2170' FSL, 1905' FWL, NE SW, Sec. 13, T. 8 South, R. 24 East, Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the Green River Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-52115.

Sincerely

John Rogers

Associate Director

JR/js Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal Office



| Operator:          | Advantage Resources Inc.   |  |
|--------------------|----------------------------|--|
| Well Name & Number | Coyote Basin Federal 14-13 |  |
| API Number:        | 43-047-52115               |  |
| Lease:             | UTU-67208                  |  |
|                    |                            |  |

Location: NE SW Sec. 13 T. 8 South R. 24 East

### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

## 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)
 OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 after office hours

## 3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5<sup>th</sup> day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging
- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

|                | And the second second second second  |  |             |                 | ***************************************    |   |  | **************                    | ***************************************   | -                       | ***************************************  |  |  |
|----------------|--|--|-------------|-----------------|--|---|--|-----------------------------------|---|-------------------------|--|--|--|
|                |  |  |             |                 |  | STATE OF UTAH   |  |                                   |   | FORM 3                  |  |  |  |
|                |  |  |             |                 | DEPARTMENT<br>DIVISION (                   | T OF NATUR<br>OF OIL, GAS   | RAL RESOU<br>S AND MIN   | RCES<br>ING                       |   | AMEN                    | IDED REPO  | RT   |  |
| <u></u>        | Total Marie Company of the Company o |  |             |                 |  |   |  |                                   | Milenial Data sensor and the sensor |                         |  |  |  |
|                |  | AP   | PLICATIO    | N FOR           | PERMIT TO DRIL                             | L   |  |                                   | 1. WELL NAME and NUMBER Coyote Basin Federal 14-13  |                         |  |  |  |
|                | OF WORK  | DRILL NEW WELL   | REE         | NTER P8         | M WELL O DEEP                              | EN WELL   | )  |                                   | 3. FIELD OR WILDCAT COYOTE BASIN  |                         |  |  |  |
| 4. TYPE        | OF WELL  | O  | il Well     | Coalbo          | ed Methane Well: NO                        |   |  |                                   | 5. UNIT or COMMU  |                         | TON AGR  |  | NAME   |
| 6. NAM         | E OF OPERAT  | OR   | ADVAN'      | TAGE RE         | SOURCES INC                                |   |  |                                   | 7. OPERATOR PHO   | NE                      | 1-1912   | <u>i</u>   |  |
| 8. ADD         | RESS OF OPE  |  | 775 Sherman | St 1700         | ), Denver, CO, 80203                       | AA-IIIIAAN SISSEE AFSE (A. C. |  |                                   | 9. OPERATOR E-MA  | IL                      |  |  |  |
| 10. MIN        | 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)   |  |             |                 |  |   | <del>}</del>   |                                   | 12. SURFACE OWN   | destruction of the con- | e-resource   | ;.com  |  |
| L              |  | UTU-67208  |             | thin contract   | FEDERAL INI                                | DIAN 🔵  | STATE ()   | FEE 🔾                             | FEDERAL 📵 IN  | DIAN 💭                  | STATE  | 0  | FEE 🔾  |
| L              |  | CE OWNER (if bo  |             |                 |  |   |  |                                   | 14. SURFACE OWN   | ER PHOI                 | VE (if box   | 12 = 'fe   | ee')   |
| 15. ADI        | ORESS OF SUF   | RFACE OWNER (if  | box 12 = '1 | ee')            |  |   | And the same of th |                                   | 16. SURFACE OWN   | ER E-MA                 | IL (if box   | 12 = 'f  | ee')   |
|                | IAN ALLOTTE<br>12 = 'INDIAN  | E OR TRIBE NAM   | E           |                 | 18. INTEND TO COM                          | MMINGLE PR  | RODUCTION  | FROM                              | 19. SLANT   | ***********             | ***********  | <del></del>  | <del></del>  |
| (11.00x        | 12 - INDIAN  | )  |             |                 |  | Commingling .   | Application)   | NO 📵                              | VERTICAL (🖹) DIF  | RECTION                 | ALC) I   | HORIZON  | NTAL ()  |
| 20. LO         | CATION OF W  | ELL.   |             | FO              | OTAGES                                     | QTR-Q   | TR   | SECTION                           | TOWNSHIP  | _                       | ANGE   |  | RIDIAN   |
| LOCAT          | ION AT SURF  | ACE  |             | 2170 FS         | L 1905 FWL                                 | NESW  | 7  | 13                                | 8.0 S   |                         | 1.0 E  | +  | S  |
| Top of         | Uppermost P  | roducing Zone  |             | 2170 FS         | L 1905 FWL                                 | NESW  | ,  | 13                                | 8.0 S   | 24                      |  |  | S  |
| At Tota        | l Depth  | The state of the s |             | 2170 FS         | L 1905 FWL                                 | NESW  | /  | 13                                | 13 8.0 S  |                         | 24.0 E   |  | S  |
| 21. COU        | NTY  | UINTAH   |             |                 | 22. DISTANCE TO N                          | IEAREST LEA<br>470  | ASE LINE (F  | eet)                              | 23. NUMBER OF ACRES IN DRILLING UNIT  |                         |  | A CONTRACTOR OF A CONTRACTOR O |  |
|                |  |  |             |                 | 25. DISTANCE TO N<br>(Applied For Drilling | EAREST WE   | LL IN SAME   | POOL                              | 26. PROPOSED DEF  |                         | U  | ***************************************  | AND DESCRIPTION OF REAL PROPERTY.  |
| 27. ELE        | ATION - GRO  | IIND LEVEL   |             |                 | 28, BOND NUMBER                            | 111   | :teo)  | III. A I STANK S. PROSI AND OTHER | MD: 4460 TVD: 4460  |                         |  |  |  |
|                |  | 5350   |             |                 | 28. BOND NUMBER                            | UTB 00042   | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABL 000424 49-2351  |                                   |   |                         | LICABLE  |  |  |
| Achien Mannes  |  |  |             |                 | Hole, Casing,                              | Hole, Casing, and Cement Information                              |  |                                   |   |                         |  |  |  |
| String         | Hole Size  | Casing Size  | Length      | Weig            | ht   Grade & Thre                          | ad Max  | Mud Wt.  |                                   |   |                         |  |  |  |
| Surf           | 12.25  | 8.625  | 0 - 500     | 24.0            |  |   | 8.4  |                                   | Class G   |                         | 210  | 2.13   | 12.5   |
| Prod           | 7.875  | 5.5  | 0 - 4460    | 15.5            | 5 J-55 LT&C                                |   | 9.4  | Halliburt                         | on Light , Type Unl   | nown                    | 340  | 1.94   | 12.5   |
|                |  |  |             | <u> </u>        |  |   |  |                                   | Class B   | *****                   | 230  | 1.25   | 14.3   |
|                | - 10 h W. Crown 10 h   |  |             | <b>V</b>        | A  | TTACHMEN  | NTS  |                                   |   |                         |  |  |  |
|                | VERIFY   | THE FOLLOWI  | NG ARE AT   | TACHE           | ED IN ACCORDAN                             | CE WITH 1   | THE UTAH   | OIL AND                           | AS CONSERVATI   | ON GEN                  | VERAL R  | ULES   |  |
| <b>/</b> w     | ELL PLAT OR  | MAP PREPARED   | BY LICENSI  | ED SURV         | EYOR OR ENGINEER                           | R 📝   | COMPLET  | TE DRILLING                       | PLAN  |                         |  | -  |  |
| AF             | FIDAVIT OF   | STATUS OF SURF   | ACE OWNER   | R AGREE         | MENT (IF FEE SURF                          | ACE)  | FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER  |                                   |   |                         |  | ***************************************  |  |
|                | DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTAL DRILLED)   |  |             |                 | R HORIZONTALLY                             | r   | TOPOGRA  | APHICAL MAR                       |   | <del></del>             |  | ************   |  |
| NAME D         | NAME David Platt   |  |             |                 | TITLE Permit Agen                          | nt  |  | PHONE 30                          | 3 573-4436  |                         |  |  |  |
| SIGNATURE DATE |  |  |             | DATE 10/19/2011 |  |   | EMAIL da   | rid@windmillenergy.ne             | t   |                         | AND THE STATE OF T |  |  |
|                | API NUMBER ASSIGNED  |  |             |                 | APPROVAL                                   |   |  | 1                                 | 00 100  |                         |  | ***************************************  | W-644444 (Mary 1993) (Mary |
| 430            | 04752115   | 0000   |             |                 |  |   |  | É                                 | alsyll  |                         | •  |  |  |
|                |  |  |             |                 |  |   |  | n.                                |   |                         |  |  |  |
| Permit Manager |  |  |             |                 |  |   |  | PERSONAL PROPERTY AND ASSESSMENT  |   |                         |  |  |  |

<del>API Well Number: 4304752115000</del>0 ADVANTAGE RESOURCES, T8S, R24E, S.L.B.&M. Well location, COYOTE BASIN UNIT FEDERAL #14-13, located as shown in the NE 1/4 SW 1/4 24 25 1916 2 1/2" Brass of Section 13, T8S, R24E, S.L.B.&M. Uintah Cap, 0.8' High N89"51'03"E - 2639.63' (Meas.) County, Utah. S89'44'25"E - 2641.10' (Meas.) BASIS OF ELEVATION 2 1/2" Brass 1916 2 1/2" Brass Cap, 1.2' High Cap, 1.1 High, BENCH MARK 45EAM LOCATED IN THE SW 1/4 OF SECTION Scattered Stones 34, T8S, R24E, S.L.B.&M. TAKEN FROM THE BONANZA. QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, SAID ELEVATION IS MARKED AS BEING 5350 FEET. BASIS OF BEARINGS BASIS OF BEARINGS IS A G.P.S. OBSERVATION. 1916 Brass Cap. 1916 Brass Cap, 1.1' High 1.7' High, Scattered Stones 1905 COYOTE BASIN UNIT FEDERAL #14-13 Elev. Unaraded Ground = 5457' SCALE CERTIFICATES SEEDERS THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM 70, FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY M., 02, ZQ, OON SUPERVISION AND THAT THE SAME ARE TRUE AND GORREST TO THE BEST OF MY KNOWLEDGE AND BELLE REGISTERED LAND SURVEYOR 1916 Brass Cap. REGISTRATION NO. 161319 1916 Brass Cap 2.0' High, Steel 1916 Bross Cap. STATE OF WHAH SHALL 1.0' High, Pile 1.0' High N89'59'18"W - 2637.11' (Meas.) N89'59'58"W - 2640.47' (Meas.) UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017 LEGEND: SCALE DATE SURVEYED: DATE DRAWN: = 90' SYMBOL 1" = 1000'04-12-11 NAD 83 (SURFACE LOCATION) 04-22-11 PARTY LATITUDE = 40°07'16.41" (40.121225) LONGITUDE = 109°09'54.95" (109.165264) REFERENCES = PROPOSED WELL HEAD. G.S G.B. J.J. G.L.O. PLAT NAD 27 (SURFACE LOCATION) = SECTION CORNERS LOCATED. WEATHER LATITUDE = 40°07'16.53" (40.121258) LONGITUDE = 109°09'52.52" (109.164589) WARM ADVANTAGE RESOURCES, INC.

## RECEIVED Form 3160-3APD PMT RCVD

(August, 2007)

SEP 06 2011 UNITED STATES AUG ! 2 2011

BLM BUKEAD OF LAND MANAGEMENT

BLM Vernal Liah

FORM APPROVED OMB NO. 1004-0137

|            | Expires: July 31, 201 |
|------------|-----------------------|
| agga Comia | 1 NT <sub>0</sub>     |

6. If Indian, Allottee or Tribe Name

| APPLICATION FOR PERMIT TO   | ) DKI       | LL OR REENTER.                         | •              |  |                            |  |
|---|-------------|--|----------------|--|----------------------------|--|
| 1a. Type of Work: X DRILL   | □ reen      | VTER                                   |                | 7. If Unit or CA Agreement, I Coyote Basin Federal   | Name and No.<br>UTU-72085A |  |
|   |             |  |                | 8. Lease Name and Well No.   |                            |  |
| 1b. Type of Well: X Oil Well Gas Well Othe                                  | ar [        | ] Single Zone                          | Zone           | Coyote Basin   | Federal #14-13             |  |
| 2. Name of Operator   |             |  |                | 9. API Well No. <b>43-64</b>   | 7-52115                    |  |
| Advantage Resour  | ces. In     | c.                                     | 1.             | Pending  | . 30/13                    |  |
| Ba. 1775 Sherman St. #1700  |             | none No. (include area code)           |                | 10. Field and Pool, or Explorat  | tory                       |  |
| Denver, CO 80203  |             | 303 831-19                             | į              | Coyote Basi  |                            |  |
| 4. Location of well (Report location clearly and In accordan                | nce with    | any State requirements.*)              |                | 11. Sec.,T.,R.,M.,or Blk.and   | Survey or Area             |  |
| At surface 1905' FWL 2170' FSL Sec 1  | 13          | T8S R24E NE1/4S                        | SW1/4          |  |                            |  |
|   |             |  |                | Sec 13 T 8S R  | 24E                        |  |
| At proposed prod. zone  |             |  | . ]            |  |                            |  |
| 4. Distance in miles and direction from the nearest town or p               | ost offic   | e*                                     |                | 12. County or Parish   | 13. State                  |  |
| 9.5 miles Southeast from Vernal, Utah                                       |             | Uintah County                          | Utah           |  |                            |  |
| 5. Distance from proposed*  | 17 Spa      | cing Unit dedicated to this well       | <u> </u>       |  |                            |  |
| location to nearest 1905'   |             | 16. No. of acres in lease              | 17. Spu        | onig onit additioned to this work  |                            |  |
| oroperty or lease line, ft.   |             | 160                                    | T8S R24E       |  |                            |  |
| Also to nearest drlg. unit line, if any)                                    |             |  | <u> </u>       |  |                            |  |
| 8. Distance from proposed location* to pearest well drilling completed 111' |             | 19. Proposed Depth                     | 20. BL         | LM/ BIA Bond No. on file   |                            |  |
| to nearest well, drilling, completed, applied for, on this lease, ft.       | 1           | UTB 000424                             |                |  |                            |  |
| 1. Elevations (Show whether DF. RT, GR, etc.)                               |             | 22. Aproximate date work wi            | ill start*     | r and the second se |                            |  |
| 5350' GR 0  | KB          | 9/1/2011                               |                | 15 dove  |                            |  |
| 5550 GR 0   | ND.         | 24. Attachments                        |                | 15 days  | <u> </u>                   |  |
| he following, completed in accordance with the requirements                 | of Onch     |  | hall ba att    | ached to this form:  |                            |  |
| ie following, completed in accordance with the requirements                 | or Onsi     | iore Off and Gas Order No. 1 st        | nan be au      | ached to this form.  |                            |  |
| . Well plat certified by a registered surveyor.                             |             | 4. Bond to cover the                   | operation      | as unless covered by existing bo   | ond on file(see            |  |
| 2. A Drilling Plan.   |             | item 20 above).                        |                |  |                            |  |
| . A Surface Use Plan ( if the location is on National Forest S              | System L    | ands, the 5. Operator certificat       | tion.          |  |                            |  |
| SUPO shall be filed with the appropriate Forest Service O                   | ffice).     |  |                | ormation and/ or plans as may b  | e required by the a        |  |
|   |             | authorized officer.                    |                |  |                            |  |
| 5. Signature  |             | (Printed/Typed)                        |                | Date   | /                          |  |
| S. W/d  | 1           | <u>Stian W. Acl</u>                    | <i>Lma</i>     | $\sim$ 8/3/:   | 2011                       |  |
| V.P. Evoloration  |             |  |                |  |                            |  |
| pproved By (Signature)  | Name        | (Printed/Typed)                        |                | Date IAN   | 0 9 2012                   |  |
| Ly Though   |             | Printed/Typed) <b>Jerry Kencz</b>      | zka            | JAN  | 0.9 2012                   |  |
| Assistant Field Manager Lands & Mineral Resources                           | Office      | VERNAL FIELD C                         | OFFICE         |  |                            |  |
| opplication approval does not warrant or certify that the applicant hold    | ls legal or | equitable title to those rights in the | e subject le   | ase which would entitle the applica  | ant to                     |  |
| ct operations thereon.  | C           | ONDITIONS OF APPROV                    | <b>\/ΔΙ</b> ΔΤ | TACHED   |                            |  |
| ions of approval, if any, are attached.                                     |             |  |                |  |                            |  |
| tle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, ma             | ake it a c  | rime for any person knowingly a        | nd willful     | by to make to any department or  | agency of the United       |  |
| tates any false, fictitious or fraudulent statements or representations as  | s to any m  | atter within its jurisdiction.         |                |  |                            |  |

14x4 MOGZ A

(Continued on page 2)

NOTICE OF APPROVAL

DIV OF OIL, GAR 3:



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT **VERNAL FIELD OFFICE** 170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



## CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No:

Advantage Resources, Inc.

Covote Basin Federal 14-13

43-047-52115

Location: Lease No: NESW, Sec. 13, T8S, R24E

UTU-67208

Agreement:

**OFFICE NUMBER:** 

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

### NOTIFICATION REQUIREMENTS

| Location Construction (Notify Environmental Scientist)       | - | Forty-Eight (48) hours prior to construction of location and access roads.   |
|--|---|--|
| Location Completion (Notify Environmental Scientist)         | - | Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                   |   | Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing (Notify Supv. Petroleum Tech.)     | _ | Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov.                                  |
| BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.) | - | Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)       | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
  work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
  mitigation may be necessary for the discovered paleontologic material before construction can
  continue.
- All production equipment will be painted Covert Green to help blend in with surrounding vegetation.
- On all locations a permanent reference point must be established prior to any reclamation activities.
   This reference point helps to establish the criteria for successful reclamation based on the Green River District Reclamation Guidelines.
- A dike/berm will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heat-treating units). It will be constructed of compacted subsoil, be impervious, hold 110% of the capacity of the largest tank, and be independent of the back cut.
- The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear. The existing access road surface and pad area will be kept free of trash during all operations. All traffic will be confined to the approved disturbed surface area.
- The operator will control noxious weeds and invasive plants along corridors for roads, pipelines, well sites, or other applicable facilities, through a Pesticide Use Permit (PUP). All vehicles and equipment shall be cleaned either through power-washing or other approved method prior to entering the project area when entering from outside the Uinta Basin. All vehicles, OHVs, and equipment shall be power-washed after driving through a noxious weed infestation.
- An Interim Surface Reclamation Plan for surface disturbance on the well pads, access roads has been completed and will be followed for reclamation of the surface. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, reseeding the unused area using appropriate reclamation methods as stated in Advantage Resources, Inc.'s reclamation plan.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil re-spread over the surface; and, the surface re-vegetated. The surface of approved

staging areas where construction activities did not occur may require disking or ripping and reseeding.

All disturbance areas shall be monitored for noxious weeds annually, for a minimum of three
growing seasons following completion of project or until desirable vegetation is established.
Monitoring reports shall include a shapefile (compatible with ArcMap) of all noxious weed species
found. When possible, data shall include cover, size of infestation, and treatment applied.

## DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface.
- Surface casing cement shall be brought to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

## DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times.
   Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to BLM\_UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
  BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
  hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
  be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to
  the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first.
  All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All
  product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in
  accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# Division of Oil, Gas and Mining

# **OPERATOR CHANGE WORKSHEET (for state use only)**

| <b>ROUTING</b> |
|----------------|
| CDW            |

| X - Change of Operator (Well Sold)   |                |           | Operator Name Change/Merger |                |                 |           |            |
|--|----------------|-----------|-----------------------------|----------------|-----------------|-----------|------------|
| The operator of the well(s) listed below has changed, effective:   |                |           |                             |                | 8/1/2012        |           |            |
| FROM: (Old Operator):  |                |           | TO: ( New Or                | perator):      |                 |           |            |
| N3580- Advantage Resources, Inc.   |                |           | N3890- Wold (               | Dil Propertie  | es, Inc.        |           |            |
| 1775 Sherman Street, Suite 1700  |                |           | 139 West 2nd S              | -              |                 |           |            |
| Denver, CO 80203   |                |           | Casper, WY 82               |                |                 |           |            |
| <b>[</b>   |                |           | • •                         |                |                 |           |            |
| Phone: 1 (303) 831-1912  |                | :         | Phone: 1 (307)              | 265-7252       |                 |           |            |
| CA No.   |                |           | Unit:                       |                | Coyote Basi     | n (GRRV)  |            |
| WELL NAME  | SEC TWN        | RNG       | API NO                      | ENTITY         | LEASE TYPE      |           | WELL       |
|  |                |           |                             | NO             |                 | TYPE      | STATUS     |
| See Attached List  |                | <u> </u>  |                             |                |                 |           |            |
| OPERATOR CHANGES DOCUMENT. Enter date after each listed item is completed  1. (R649-8-10) Sundry or legal documentation was        |                | rom the   | FORMER ope                  | rator on:      | 9/24/2012       |           |            |
| 2. (R649-8-10) Sundry or legal documentation wa  | s received f   | rom the   | NEW operator                | on:            | 9/24/2012       | •         |            |
| 3. The new company was checked on the <b>Depart</b>  | nent of Cor    | nmerce    | , Division of Co            | orporations    | Database on:    | •         | 10/15/2012 |
| 4a. Is the new operator registered in the State of U   |                |           | Business Numb               |                | 8351065-0143    | •         |            |
| 5a. (R649-9-2)Waste Management Plan has been re  |                |           | N/A                         |                |                 | •         |            |
| 5b. Inspections of LA PA state/fee well sites compl  | lete on:       |           | N/A                         | •              |                 |           |            |
| 5c. Reports current for Production/Disposition & S   | undries on:    |           | 10/15/2012                  | _              |                 |           |            |
| 6. Federal and Indian Lease Wells: The BL  | M and or th    | e BIA h   | nas approved the            | merger, na     | me change,      |           |            |
| or operator change for all wells listed on Federa  | al or Indian   | leases o  | on:                         | BLM            | Not Yet         | BIA       |            |
| 7. Federal and Indian Units:   |                |           |                             |                | •               |           |            |
| The BLM or BIA has approved the successor  | of unit open   | rator for | r wells listed on:          |                | Not Yet         |           |            |
| 8. Federal and Indian Communization Ag   | _              |           |                             |                |                 | •         |            |
| The BLM or BIA has approved the operator f   |                |           |                             |                | N/A             |           |            |
| 9. Underground Injection Control ("UIC"  |                |           |                             | orm 5 Tran     |                 | ity to    |            |
| Inject, for the enhanced/secondary recovery un   | ,              | -         | •                           |                |                 | 10/3/2012 |            |
| DATA ENTRY:  | in project ro  |           |                             | (0)            |                 |           |            |
| 1. Changes entered in the Oil and Gas Database   | on:            |           | 10/15/2102                  |                |                 |           |            |
| <ol> <li>Changes have been entered on the Monthly Op</li> </ol>  |                | ange Sp   |                             | •              | 10/15/2012      |           |            |
| 3. Bond information entered in RBDMS on:   |                | <b>-</b>  | N/A                         |                |                 | •         |            |
| 4. Fee/State wells attached to bond in RBDMS on  | :              |           | N/A                         | •              |                 |           |            |
| 5. Injection Projects to new operator in RBDMS of  | on:            |           | N/A                         | _              |                 |           |            |
| 6. Receipt of Acceptance of Drilling Procedures for  | or APD/Nev     | w on:     |                             | 10/3/2012      |                 |           |            |
| BOND VERIFICATION:   |                |           |                             |                |                 |           |            |
| 1. Federal well(s) covered by Bond Number:   |                |           | UTB000513                   | _              |                 |           |            |
| 2. Indian well(s) covered by Bond Number:  |                |           |                             |                |                 |           |            |
| 3a. (R649-3-1) The NEW operator of any state/fe  | e well(s) list | ted cove  | ered by Bond Nu             | ımber          | N/A             |           |            |
| 3b. The <b>FORMER</b> operator has requested a release   | e of liability | from th   | neir bond on:               | N/A            |                 | •         |            |
| LEASE INTEREST OWNER NOTIFIC 4. (R649-2-10) The NEW operator of the fee wells of their responsibility to notify all interest owner | has been co    |           |                             | y a letter fro | om the Division |           |            |
| COMMENTS:  |                |           |                             |                |                 |           |            |

## Advantage Resources, Inc. (N3580) to Wold Oil Properties, Inc. (N3890) Effective

|                               | 1   | r    |      |            |        |         | 1    |        |
|-------------------------------|-----|------|------|------------|--------|---------|------|--------|
|                               |     |      |      |            |        |         | Well | Well   |
| Well Name                     | Sec | TWP  | RNG  | API Number | Entity | Lease   | Туре | Status |
| AMERADA GUINAND 1             | 07  | 080S | 250E | 4304720245 | 11500  | Federal | WI   | Α      |
| EAST RED WASH FED 4-6         | 06  | 080S | 250E | 4304720261 | 11500  | Federal | WI   | Α      |
| <b>COYOTE BASIN 32-6-8-25</b> | 06  | 080S | 250E | 4304731835 | 11500  | Federal | WS   | Α      |
| COYOTE FED 42-6X              | 06  | 080S | 250E | 4304732346 | 11500  | Federal | WI   | Α      |
| COYOTE BASIN 7-7              | 07  | 080S | 250E | 4304752111 |        | Federal | OW   | APD    |
| COYOTE BASIN 11-7             | 07  | 080S | 250E | 4304752112 |        | Federal | OW   | APD    |
| COYOTE BASIN 2-13             | 13  | 080S | 240E | 4304752113 |        | Federal | OW   | APD    |
| COYOTE BASIN 6-13             | 13  | 080S | 240E | 4304752114 |        | Federal | OW   | APD    |
| COYOTE BASIN FED 14-13        | 13  | 080S | 240E | 4304752115 |        | Federal | OW   | APD    |
| FEDERAL 14-4                  | 04  | 080S | 250E | 4304715678 | 11500  | Federal | OW   | Р      |
| COYOTE BASIN 43-12-8-24       | 12  | 080S | 240E | 4304730943 | 11500  | Federal | OW   | Р      |
| COYOTE BASIN FED 12-13        | 13  | 080S | 240E | 4304731266 | 11500  | Federal | OW   | Р      |
| TXO FEDERAL 1                 | 05  | 080S | 250E | 4304731406 | 11500  | Federal | OW   | Р      |
| COYOTE BASIN 21-7-8-25        | 07  | 080S | 250E | 4304731673 |        | Federal | OW   | Р      |
| FEDERAL 13-13                 | 13  | 080S | 240E | 4304732196 | 11500  | Federal | OW   | Р      |
| COYOTE FEDERAL 31-7           | 07  | 080S | 250E | 4304732254 | 11500  | Federal | OW   | Р      |
| COYOTE FEDERAL 13-7           | 07  | 080S | 250E | 4304732255 | 11500  | Federal | OW   | Р      |
| COYOTE FEDERAL 22-7           | 07  | 080S | 250E | 4304732256 | 11500  | Federal | OW   | Р      |
| COYOTE FEDERAL 33-5           | 05  | 080S | 250E | 4304732257 | 11500  | Federal | OW   | Р      |
| COYOTE 1-12                   | 12  | 080S | 240E | 4304720221 | 11500  | Federal | OW   | PA     |
| E RED WASH 1-5                | 05  | 080S | 250E | 4304720174 | 11500  | Federal | OW   | S      |
| E RED WASH FED 1-12           | 12  | 080S | 240E | 4304720207 | 11500  | Federal | OW   | S      |
| E RED WASH FED 1-6            | 06  | 080S | 250E | 4304720208 | 11500  | Federal | OW   | S      |
| E RED WASH FED 1-13           | 13  | 080S | 240E | 4304720222 | 11500  | Federal | OW   | S      |
| COYOTE FEDERAL 21-5           | 05  | 080S | 250E | 4304732260 | 11500  | Federal | OW   | S      |
| COYOTE FEDERAL 13-5           | 05  | 080S | 250E | 4304732261 | 11500  | Federal | OW   | S      |
| TXO FEDERAL 2                 | 05  | 080S | 250E | 4304731567 | 11500  | Federal | OW   | TA     |
| COYOTE FEDERAL 12-5           | 05  | 080S | 250E | 4304732253 | 11500  | Federal | OW   | TA     |

# STATE OF UTAH

SEP 2 4 2012

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING

| <b>.</b>  | SIVIOION OF OIL, OAG AND W  |  | See Exhibit B                                |
|---|---|--|--|
| SUNDRY  | NOTICES AND REPORT  | DIV OF OIL, GAS & MINING   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:        |
| Do not use this form for proposals to drill ne<br>drill horizontal lat                              | w wells, significantly deepen existing wells below cu<br>erals. Use APPLICATION FOR PERMIT TO DRILL | urrent bottom-hole depth, reenter plugged wells, or to form for such proposals.  | 7. UNIT or CA AGREEMENT NAME:                |
| 1. TYPE OF WELL OIL WELL  | GAS WELL OTHER_   |  | 8. WELL NAME and NUMBER: See Exhibit B       |
| 2. NAME OF OPERATOR:  |   |  | 9. API NUMBER:                               |
| WOLD OIL PROPERTIES,  3. ADDRESS OF OPERATOR:   | INC. N3890  | PHONE NUMBER:  | Exhibit B                                    |
|   | CASPER STATE WY ZIP   | 82601-2462 (307) 265-7252  | 10. FIELD AND POOL, OR WILDCAT: COYOTE BASIN |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE:  | BOI   | ND#UTB 000 513   | COUNTY: UINTAH                               |
| QTR/QTR, SECTION, TOWNSHIP, RANG  | E, MERIDIAN: SEE EXH E  | 3  | STATE: UTAH                                  |
| 11. CHECK APPR  | OPRIATE BOXES TO INDICAT  | TE NATURE OF NOTICE, REPO  | RT. OR OTHER DATA                            |
| TYPE OF SUBMISSION  |   | TYPE OF ACTION   | , or o mercent                               |
| ✓ NOTICE OF INTENT  | ACIDIZE   | DEEPEN   | REPERFORATE CURRENT FORMATION                |
| (Submit in Duplicate)   | ALTER CASING  | FRACTURE TREAT   | SIDETRACK TO REPAIR WELL                     |
| Approximate date work will start:   | CASING REPAIR   | NEW CONSTRUCTION   | TEMPORARILY ABANDON                          |
| 81112012  | CHANGE TO PREVIOUS PLANS  | ✓ OPERATOR CHANGE  | TUBING REPAIR                                |
|   | CHANGE_TUBING   | PLUG AND ABANDON   | VENT OR FLARE                                |
| SUBSEQUENT REPORT (Submit Original Form Only)   | CHANGE WELL NAME  | PLUG BACK  | WATER DISPOSAL                               |
| Date of work completion:  | CHANGE WELL STATUS  | PRODUCTION (START/RESUME)  | WATER SHUT-OFF                               |
|   | COMMINGLE PRODUCING FORMATIONS  | RECLAMATION OF WELL SITE   | OTHER:                                       |
|   | CONVERT WELL TYPE   | RECOMPLETE - DIFFERENT FORMATION   |  |
| Signature Name (Please Print)  ADVANTAGE RESOURCES 1775 Sherman St, #1700, D (303) 831-1912  N 3580 | Title: X Scantian W. Ackmon<br>Date: X 9/<br>S, INC. #N3580   | certinent details including dates, depths, volume  | ss, etc.                                     |
| NAME (PLEASE PRINT) KEVIN NEE   | NAN   | TITLE CORPORATE SE   | CRETARY                                      |
| SIGNATURE   |   | DATE 9/18/1  | 2_   |
|   |   | The state of the s | DDOVED                                       |

(This space for State use only)

APPROVED

OCT 1 5 2012

Exhibit B - Wells

ARI Lease No.

State/BLM\_

|                         |              |      |      |            |             |               | AN LOUGH HOL          |                  |
|-------------------------|--------------|------|------|------------|-------------|---------------|-----------------------|------------------|
| Well Name               | API Number   | Twp  | Rng  | <u>Sec</u> | <u>Desc</u> | <u>Status</u> | 80039-                | <u>Lease No.</u> |
| Coyote Basin 43-12-8-24 | 43 047 30943 | 8 S  | 24 E | 12         | NE SE       | P             | 80039-003-01          | UTU 038797       |
| Coyote Basin Fed 12-13  | 43 047 31266 | 8 S  | 24 E | 13         | SW NW       | P             | 80039-004-01          | UTU 018073       |
| Federal 13-13           | 43 047 32196 | 8 S  | 24 E | 13         | NW SW       | Р             | 80039-007-01          | UTU 67208        |
| Coyote Federal 21-5     | 43 047 32260 | 85   | 25 E | 5          | NE NW       | OGW           | 80039-009-01          | UTU 063597A      |
| E Red Wash 1-5          | 43 047 20174 | 8 S  | 25 E | 5          | SE NW       | ogw           | 80039-009 <b>-</b> 01 | UTU 063597A      |
| TXO Federal 1           | 43 047 31406 | 8 S  | 25 E | 5          | SW NE       | P             | 80039-008-01          | UTU 41376        |
| Coyote Federal 33-5     | 43 047 32257 | 85   | 25 E | 5          | NW SE       | Р             | 80039-009-01          | UTU 063597A      |
| Coyote Federal 13-5     | 43 047 32261 | 85   | 25 E | 5          | NW SW       | OGW           | 80039-009-01          | UTU 063597A      |
| Coyote Federal 31-7     | 43 047 32254 | 8 S  | 25 E | 7          | NW NE       | SI            | 80039-013-01          | UTU 020309D      |
| Coyote Basin 21-7-8-25  | 43 047 31673 | 85   | 25 E | 7          | NE NW       | Р             | 80039-012-01          | UTU 41377        |
| Coyote Federal 22-7     | 43 047 32256 | 8 S  | 25 E | 7          | SE NW       | Р             | 80039-012-01          | UTU 41377        |
| Coyote Federal 13-7     | 43 047 32255 | 85   | 25 E | 7          | NW SW       | Р             | 80039-012-01          | UTU 41377        |
| E Red Wash Fed 1-12     | 43 047 20207 | 85   | 24 E | 12         | SW NE       | SI            | 80039-003-01          | UTU 038797       |
| Coyote 1-12             | 43 047 20221 | 85   | 24 E | 12         | NE SW       | P&A           |                       | UTU 58226        |
| E Red Wash Fed 1-13     | 43 047 20222 | 8 \$ | 24 E | 13         | NE NW       | SI            | 80039-004-01          | UTU 018073       |
| Federal 14-4            | 43 047 15678 | 8 S  | 25 E | 4          | SW SW       | P             | 80039-008-01          | UTU 41376        |
| Coyote Federal 12-5     | 43 047 32253 | 8 S  | 25 E | 5          | SW NW       | SI            | 80039-009-01          | UTU 063597A      |
| TXO Federal 2           | 43 047 31567 | 85   | 25 E | 5          | SE NE       | SI            | 80039-008-01          | UTU 41376        |
| E Red Wash Fed 1-6      | 43 047 20208 | 85   | 25 E | 6          | NE SE       | SI            | 80039-011-01          | UTU 017439B      |
| Coyote Fed 42-6X        | 43 047 32346 | 8 S  | 25 E | 6          | SE NE       | lnj           | 80039-011-01          | UTU 017439B      |
| E Redwash 4-6           | 43 047 20261 | 8 S  | 25 E | 6          | SW SE       | Inj           | 80039-013-01          | UTU 020309D      |
| Amerada Guinand 1       | 43 047 20245 | 8 \$ | 25 E | 7          | SW NW       | Inj           | 80039-016-01          | UTU 016271V      |
| Coyote Basin 32-6       | 43 047 31835 | 8 S  | 25 E | 6          | SW NE       | Wtr           | 80039-013-01          | UTU 020309D      |
| Permitted Wells         |              |      |      |            |             | !             |                       |                  |
| Coyote Basin 7-7        | 43 047 52111 | 8 S  | 25 E | 7          |             | Permit        |                       | UTU 020309D      |
| Coyote Basin 11-7       | 43 047 52112 | 8 S  | 25 E | 7          |             | Permit        |                       | UTU 41377        |
| Coyote Basin 6-13       | 43 047 52114 | 8 S  | 24 E | 13         |             | Permit        |                       | UTU 018073       |
| Coyote Basin 2-13       | 43 047 52113 | 85   | 24 E | 13         |             | Permit        |                       | UTU 038797       |
| Coyote Basin Fed 14-13  | 43 047 52115 | 8 S  | 24 E | 13         |             | Permit        |                       | UTU 67208        |
|                         |              |      |      |            |             | !             |                       |                  |

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU67208 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **SUNDRY NOTICES AND REPORTS ON WELLS** 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. Coyote Basin 8. WELL NAME and NUMBER: 1. TYPE OF WELL OTHER OIL WELL GAS WELL Coyote Basin 14-13 9. API NUMBER: 2. NAME OF OPERATOR: 43-047-52115 Wold Oil Properties, Inc. PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: CITY Casper ZIP 82601 Coyote Basin STATE WY 307-265-7252 139 W. 2nd St., Suite 200 4. LOCATION OF WELL COUNTY: Uintah FOOTAGES AT SURFACE: 2170' FSL & 1905' FWL STATE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE T8S R24E **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN **ACIDIZE** NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL ALTER CASING (Submit in Duplicate) **TEMPORARILY ABANDON NEW CONSTRUCTION** Approximate date work will start: **CASING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR** PLUG AND ABANDON VENT OR FLARE **CHANGE TUBING** WATER DISPOSAL SUBSEQUENT REPORT **PLUG BACK** CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: COMMINGLE PRODUCING FORMATIONS **RECLAMATION OF WELL SITE** OTHER: **CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION** 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operatorship of this well/permit has been transferred from Advantage Resources, Inc to Wold Oil Properties, Inc.

| NAME (PLEASE PRINT) Aaron S. Otteman | TITLE | Exploration Manager |
|--------------------------------------|-------|---------------------|
| SIGNATURE HOUSE                      | DATE  | 9-27-12             |
|                                      |       |                     |

(This space for State use only)

RECEIVED

OCT 9 3 2012

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

## **Request to Transfer Application or Permit to Drill**

DIVISION OF OIL, GAS AND MINING

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

| Well name:                               | Coyote Basin Federal 14-13                   |
|--|--|
| API number:                              | 4304752115                                   |
| Location:                                | Utr Oh NESW Section 13 Texasery 8S Range 24E |
| Company that filed original application: | Advantage Resources, Inc.                    |
| Date original permit was issued:         | 10/31/2011                                   |
| Company that permit was issued to:       | Advantage Resources, Inc.                    |

| Check<br>one | Desired Action:   |  |
|--------------|---|--|
|              | Transfer pending (unapproved) Application for Permit to Drill to new operator   |  |
|              | The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application. |  |
| ✓            | Transfer approved Application for Permit to Drill to new operator   |  |
|              | The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.   |  |

| Following is a checklist of some items related to the application, which should be verified.   | Yes       | No |
|--|-----------|----|
| If located on private land, has the ownership changed?   |           |    |
| If so, has the surface agreement been updated?   |           | 1  |
| Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?                    | 9         | 1  |
| Have there been any unit or other agreements put in place that could affect the permitting or operation proposed well?                                       | n of this | 1  |
| Have there been any changes to the access route including ownership or right-of-way, which could after proposed location?                                    | fect the  | 1  |
| Has the approved source of water for drilling changed?   |           | 1  |
| Have there been any physical changes to the surface location or access route which will require a chaplans from what was discussed at the onsite evaluation? | ange in   | 1  |
| Is bonding still in place, which covers this proposed well? Bond No. UTB000513   | ✓         | T  |

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

| Name (please print) Aaron S. Otteman                  | Title Exploration Manag | ger      |
|---|-------------------------|----------|
| Signature / Signature                                 | Date 09/26/2012         | PECEIVED |
| Representing (company name) Wold Oil Properties, Inc. | -                       | UFACIAED |

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

So. of Oa. Gas & Mining

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

| DIVISION OF OIL, GAS AND MINING  | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU67208                                       |  |  |  |  |
|--|--|--|--|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  |  |  |  |  |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL  OIL WELL  ORS WELL  OTHER   | 7. UNIT OF CA AGREEMENT NAME: Coyote Basin 8. WELL NAME and NUMBER: Coyote Pools 14.13 |  |  |  |  |
| 2. NAME OF OPERATOR:   | Coyote Basin 14-13   |  |  |  |  |
| Wold Oil Properties, Inc.  | 43-047-52115   |  |  |  |  |
| 3. ADDRESS OF OPERATOR: PHONE NUMBER:  | 10. FIELD AND POOL, OR WILDCAT:  |  |  |  |  |
| 139 W. 2nd St., Suite 200 GITY Casper STATE WY ZIP 82601 307-265-7252 4. LOCATION OF WELL  | Coyote Basin   |  |  |  |  |
| FOOTAGES AT SURFACE: 2170' FSL &1905' FWL  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 13 T8S R24E  CONFIDENTIAL   | COUNTY: Uintah   |  |  |  |  |
|  |  |  |  |  |  |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT   | KI, UK UTHEK DATA  |  |  |  |  |
| TYPE OF SUBMISSION TYPE OF ACTION  |  |  |  |  |  |
| NOTICE OF INTENT   | REPERFORATE CURRENT FORMATION  |  |  |  |  |
| (Submit in Duplicate)  ALTER CASING  FRACTURE TREAT  | SIDETRACK TO REPAIR WELL   |  |  |  |  |
| Approximate date work will start: CASING REPAIR NEW CONSTRUCTION   | TEMPORARILY ABANDON  |  |  |  |  |
| CHANGE TO PREVIOUS PLANS OPERATOR CHANGE   | TUBING REPAIR  |  |  |  |  |
| CHANGE TUBING PLUG AND ABANDON   | VENT OR FLARE  |  |  |  |  |
| SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)   | WATER DISPOSAL   |  |  |  |  |
| Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  | WATER SHUT-OFF   |  |  |  |  |
| COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  | OTHER: Permit Extension  |  |  |  |  |
| CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION   |  |  |  |  |  |
| DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Wold Oil Properties, Inc. requests the extension of the Coyote Basin 14-13 permit to drill  COPY SENT TO OPERATOR  Date: 10/24/2012  Initials: 15  Date: 10-22  By: 10-22  Date: 10-22  Da |  |  |  |  |  |
| NAME (PLEASE PRINT) Agron S. Otteman  TITLE Exploration Manage SIGNATURE DATE 9-27-12  | r  |  |  |  |  |

OCT 9 3 2012

(This space for State use only)



43-047-52115

API:

## Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

| Well Name: Coyote Basin 14-13  |   |
|--|---|
| Location: NESW Sec. 13 T8S - R24E                                      |   |
| Company Permit Issued to: Advar<br>Date Original Permit Issued: 19/31/ | ntage Resources, Inc.                                 |
| Date Original Perlint Issued: 10/31/                                   | 2011  |
| The undersigned as owner with lega                                     | al rights to drill on the property as permitted       |
|  | mation as submitted in the previously                 |
| approved application to drill, remain                                  | s valid and does not require revision.                |
|  |   |
|  | ns related to the application, which should be        |
| verified.  |   |
| If located on private land, has the ov                                 | wnership changed, if so, has the surface              |
| agreement been updated? Yes⊡No   |   |
|  |   |
|  | cinity of the proposed well which would affect        |
| the spacing or siting requirements fo                                  | or this location? Yes Lino 2                          |
| Has there been any unit or other ag                                    | reements put in place that could affect the           |
| permitting or operation of this propo                                  |   |
|  |   |
| • • • • • • • • • • • • • • • • • • •                                  | access route including ownership, or right-           |
| of-way, which could affect the propo                                   | sed location? Yes □ No ☑                              |
| Has the approved source of water fo                                    | or drilling changed? Yes \( \text{No} \( \text{No} \) |
| illo illo appiotos outlos of mator it                                  | A dilling Glangou. 100 mil (100 mil                   |
|  | ges to the surface location or access route           |
|  | from what was discussed at the onsite                 |
| evaluation? Yes□No☑  |   |
| Is bonding still in place, which cover                                 | e this proposed wall? Ves MoD                         |
|  | a mis brobosed wells, ses 18140 [1                    |
| 11/101   |   |
| flat tits  | 09/27/2012  |
| Signature  | Date  |
| Title: Exploration Manager   |   |
| IIIIe: Exploration Manager   | <del></del>   |
|  |   |
| Representing: Wold Oil Properties, Inc                                 | RECEIVED  |
|  | OCT 63 2012   |



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 9, 2014

Wold Oil Properties, Inc. 139 W. 2nd Street, Suite 200 Casper, WY 82601

Re:

APD Rescinded - Coyote Basin 14-13, Sec. 13, T. 8S, R. 24E,

Uintah County, Utah API No. 43-047-52115

## Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on October 31, 2011. On October 22, 2012, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective January 9, 2014.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Vicinatilas or Las Diàna Mason

**Environmental Scientist** 

cc:

Well File

Bureau of Land Management, Vernal





# **United States Department of the Interior**

### **BUREAU OF LAND MANAGEMENT**

Green River District Vernal Field Office 170 South 500 East Vernal, UT 84078

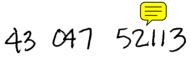
http://www.blm.gov/ut/st/en/fo/vernal.html

APR 17 2015



Sara Bohl Wold Oil Properties, Inc. 1775 Sherman St., Suite 1700 Denver, CO 80203 RECEIVED
MAY 0 4 2015

DIV. OF OIL, GAS & MINING



Dear Sara:

The referenced Applications for Permit to Drill (APD) have expired. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced applications has expired. If you intend to drill at these locations in the future, a new Application for Permit to Drill must be submitted.

| Lease       | Well                       | Aliquot | Sec., T., R.     | Date Rec'd | Date Exp'd |
|-------------|----------------------------|---------|------------------|------------|------------|
| UTU-038797  | Coyote 2-13                | NWSE    | Sec. 13-T8S-R24E | 9/6/2011   | 1/8/2014   |
| UTU-020309D | Coyote 7-7                 | SWNE    | Sec. 7-T8S-R25E  | 9/6/2011   | 1/8/2014   |
| UTU-41377   | Coyote 11-7                | NESW    | Sec. 7-T8S-R25E  | 9/6/2011   | 1/8/2014   |
| UTU-67208   | Coyote Basin Federal 14-13 | NESW    | Sec. 13-T8S-R24E | 9/6/2011   | 1/8/2014   |

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved location of these wells is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

CC:

**UDOGM** 

bcc:

Well File I&E Asst.